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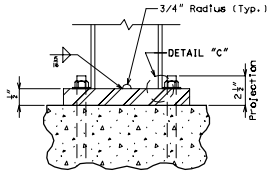
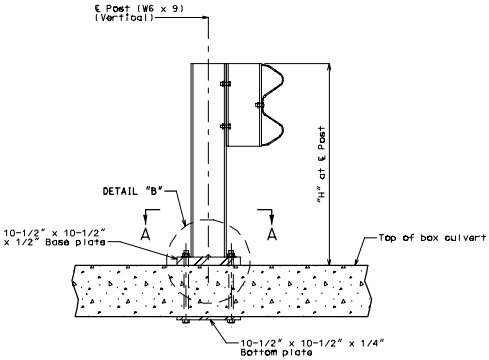


DETAIL "B"

Semi-circular notches centered on the axis of the post web ends may be made to facilitate galvanizing.



PART SECTION AT RAIL POST

NOTES:

All bolts, nuts, washers, and plates and elastomeric materials will be considered completely covered by the contract unit price for Bridge Guardrail (Thrie Beam) other items.

All steel connecting bolts and fasteners for posts and railing, and all anchor bolts, nuts, washers, and plates shall be galvanized after fabrication except for bottom plate. Protective coating and material requirement of steel railing shall be in accordance with Sec 1040.

Rail posts shall be seated on elastomeric pads having the same dimensions as the post base plate and 1/16" thickness. Such pads may be any elastomeric material, plain or fibered, having a hardness (Durometer) of 50 or above, as certified by the manufacturer. Additional pads or half pads may be used in shimming for alignment. Post heights shown will increase by the thickness of the pad.

Posts, cap rail angles, top plates, base plates, channels and channel splice plates shall be fabricated from ASTM A709 Grade 36 steel and galvanized.

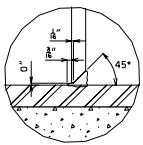
Fabrication of structural steel shall be in accordance with Sec 1080.

Holes for anchor bolts shall be set with suitable templates in exact position and securely fixed to prevent displacement, or at the contractors option the holes may be drilled.

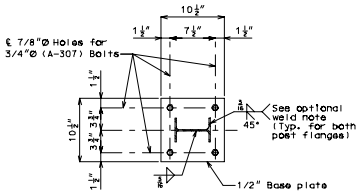
Grade A321 threaded rods with 2 hex nuts and washers may be substituted for the A307 anchor bolts.

See slab sheet for rail post spacing.

See Missouri Standard Plans drawing 606.00 for details not shown.



DETAIL "C"



SECTION A-A

Note: Optional welding of the post to the base plate. In lieu of the weld shown, is a 5/16" fillet weld all around, including the edges of the post flanges.

REMOVE THIS NOTE

NOTE TO DETAILER:

USE THIS DETAIL WHEN REQUIRED TO CONNECT RAIL POST TO CULVERT SLABS LESS THAN 9" THICK WHERE CULVERT WALLS DO NOT INTERFERE WITH BOLTING THROUGH SLAB.

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

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